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LISTING OF CLAIMS

1. (currently amended) A method for providing common data from a first source entity to a second entity, wherein said second entity is to perform processing on the common data at the request of said first source entity by more than one of a plurality of different service applications at said second entity using invocation-specific data, comprising the steps of:

transferring the common data from the first source entity to be stored at the second entity for subsequent processing on said common data by more than one of said plurality of different service applications;

storing the common data as stored data at said second entity;

associating a single data handle to the stored data, wherein said first and said second entity each are aware of the handle; and

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invoking service on said common data by
said first source entity generating a request
comprising using said data handle and
invocation-specific data to invoke processing
on the common data by said plurality of
different service applications at said server.

2. (original) The method of Claim 1 further
comprising storing the data handle with the
stored data.

3. (previously presented) The method of Claim 1
wherein said transferring and said invoking are
done simultaneously and wherein said method
further comprises invoking at least one
successive service on said common data by using
said data handle after said storing and
associating steps.

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5. (previously presented) The method of Claim 1 wherein said first entity requests a plurality of services be invoked on said common data by transferring a composite service invocation to said second entity.

6. (original) The method of Claim 1 wherein said associating of the handle is conducted at the first entity and wherein the handle is transferred to the second entity.

7. (previously presented) The method of Claim 1 wherein the associating of the handle is conducted at the second entity and wherein the handle is overtly communicated from the second to the first entity.

8. (original) The method of Claim 1 wherein said associating of the handle is performed by a third entity and communicated to said first and said second entity.

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9. (previously presented) The method of Claim 1 wherein said associating of a handle is performed implicitly by the transfer of said common data.

10. (previously presented) The method of Claim 1 further comprising transforming said common data from a first representation to a second representation.

11. (original) The method of Claim 3 wherein said at least one service comprises data transfer across a network.

12. (previously presented) The method of Claim 3 wherein said at least one service comprises encryption of said common data.

13. (currently amended) The method of Claim 4 Claim 1 wherein said at least one service comprises file I/O by the second entity.

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14. (currently amended) The method of ~~claim 4~~
Claim 1 wherein the second entity comprises a
kernel and wherein the service is provided by
the second entity.

15. (currently amended) A system for providing
data handling comprising:

a first source entity having first common
data, said first source entity including a
transmitting component for transmitting at
least said first common data to a second entity
and for requesting storage of said common data
as stored data and an invocation component for
generating at least one service invocation
request comprising a data handle identifying
said stored data and service
invocation-specific data and for transferring
said at least one service invocation request to
said second entity to invoke operations on said
common data by different service applications
at said server;

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a second entity for storing said common data transmitted from said first source entity as stored data, for receiving said at least one service invocation request, for locating common data on which to perform at least one service based on said data handle, and for performing at least one service on said common data by at least one of a plurality of different service applications at said second entity processing said common data; and

at least one data handle component for associating a single data handle to the stored data and for communicating said handle to said first and said second entity.

16. (previously presented) The system of Claim 15 wherein said invocation component generates a composite service invocation request comprising said data handle and service invocation information for a plurality of

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services to be performed using said common data.

17. (original) The system of Claim 15 wherein said at least one data handle component comprises a component of said first entity.

18. (original) The system of Claim 15 wherein said at least one data handle component comprises a component of said second entity.

19. (original) The system of Claim 15 wherein said first entity is located in a separate protection domain from said second entity.

20. (currently amended) A program storage device readable by machine, tangibly embodying a program of instructions executable by the machine to perform method steps for providing common data from a first source entity to a second entity, wherein said second entity is to perform processing by more than one of a

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plurality of different service applications at said second entity on the common data at the request of said first source entity using invocation-specific data, comprising the steps of :

transferring the common data from the first source entity to be stored at the second entity for subsequent processing on said common data by more than one of said plurality of different service applications;

storing the common data as stored data at said second entity;

associating a single data handle to the stored data, wherein said first and said second entity each are aware of the handle; and

invoking service on said common data by said first source entity generating a request comprising using said data handle and invocation-specific data to invoke processing on the common data by said plurality of different service applications at said server.